



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

2236.0030000

APPLICATION NO.

10/761,277

FIRST NAMED INVENTOR

Seung-Man YANG

FILING DATE

January 22, 2004

ART UNIT

1762

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
DL	AA1	6,375,870 B1	04/2002	Visovsky <i>et al.</i>			
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FOREIGN PATENT DOCUMENTS

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	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)






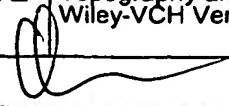
AN1	Aizenberg, J. <i>et al.</i> , "Patterned Colloidal Deposition Controlled by Electrostatic and Capillary Forces," <i>Physical Review Letters</i> , Vol. 84, No. 13, pp. 2997-3000, The American Physical Society (2000).
AO1	Bechinger, C. <i>et al.</i> , "Submicron metal oxide structures by a sol-gel process on patterned substrates," <i>Thin Solid Films</i> , Vol. 366, pp. 135-138, Elsevier Science S.A. (2000).
AP1	Chen, W. and H. Ahmed, "Fabrication of 5-7 nm wide etched lines in silicon using 100 keV electron-beam lithography and polymethylmethacrylate resist," <i>Applied Physics Letters</i> , Vol. 62, No. 13, pp. 1499-1501, The American Institute of Physics (1993).
AQ1	Chou, S.Y. <i>et al.</i> , "Imprint Lithography with 25-Nanometer Resolution," <i>Science</i> , Vol. 272, pp. 85-87, The American Institution for the Advancement of Science (1996).
AR1	Dimitrov, A.S. and K. Nagayama, "Continuous Convective Assembling of Fine Particles into Two-Dimensional Arrays on Solid Surfaces," <i>Langmuir: The ACS Journal of Surfaces and Colloids</i> , Vol. 12, No. 5, pp. 1303-1311, The American Chemical Society (1996).

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				FIRST NAMED INVENTOR Seung-Man YANG			
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	AN2	Frigo, N.J., "Passive Optical Networks," <i>Optics & Photonics News</i> , pp. 24-29 (1996).					
	AO2	Hagleitner, C. <i>et al.</i> , "Smart single-chip gas sensor microsystem," <i>Nature</i> , Vol. 414, Issue No. 6861, pp. 293-296, Nature Publishing Group (2001).					
	AP2	Heegr, A.J. and J. Long Jr., "Conjugating polymers," <i>Optics & Photonics News</i> , pp. 24-30 (1996).					
	AQ2	Hulteen, J.C. <i>et al.</i> , "Nanosphere Lithography: Size-Tunable Silver Nanoparticle and Surface Cluster Arrays," <i>Journal of Physical Chemistry B</i> , Vol. 103, No. 19, pp. 3854-3863, The American Chemical Society (1999).					
	AR2	Kim, S.-R. <i>et al.</i> , "Fabrication of Polymeric Substrates with Well-Defined Nanometer-Scale Topography and Tailored Surface Chemistry," <i>Advanced Materials</i> , Vol. 14, No. 20, pp. 1468-1472, Wiley-VCH Verlag GmbH & Co. (October 2002).					
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	AN3	Krug, C. and J.F. Hartwig, "Direct Observation of Aldehyde Insertion into Rhodium-Aryl and -Alkoxide Complexes," <i>Journal of the American Chemical Society</i> , Vol. 124, No. 8, pp. 1674-1679, The American Chemical Society (published on web January 2002).
	AO3	Kumar, A. and G.M. Whitesides, "Features of gold having micrometer to centimeter dimensions can be formed through a combination of stamping with an elastomeric stamp and an alkanethiol "ink" followed by chemical etching," <i>Applied Physics Letters</i> , Vol. 63, No. 14, pp. 2002-2004, The American Institute of Physics (1993).
	AP3	Li, H. <i>et al.</i> , "High-Resolution Contact Printing with Dendrimers," <i>Nano Letters</i> , Vol. 2, No. 4, pp. 347-349, The American Chemical Society (published on web February 2002).
	AQ3	Li, H.-W. <i>et al.</i> , "Nanocontact Printing: A Route to Sub-50-nm-Scale Chemical and Biological Patterning," <i>Langmuir: The ACS Journal of Surfaces and Colloids</i> , Vol. 19, No. 6, pp. 1963-1965, The American Chemical Society (published on web January 2003).
	AR3	Mikrajuddin, F.I. and K. Okuyama, "Single Route for Producing Organized Metallic Domes, Dots, and Pores by Colloidal Templating and Over-Sputtering," <i>Advanced Materials</i> , Vol. 14, No. 12, pp. 930-933, Wiley-VCH Verlag GmbH (June 2002).

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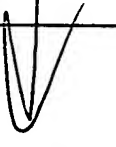
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	AN4	Odom, T.W. <i>et al.</i> , "Improved Pattern Transfer in Soft Lithography Using Composite Stamps," <i>Langmuir: The ACS Journal of Surfaces and Colloids</i> , Vol. 18, No. 13, pp. 5314-5320, The American Chemical Society (published on web May 2002).
	AO4	Schmid, H. and B. Michel, "Siloxane Polymers for High-Resolution, High-Accuracy Soft Lithography," <i>Macromolecules</i> , Vol. 33, No. 8, pp. 3042-3049, The American Chemical Society (2000).
	AP4	Sprenger, M. <i>et al.</i> , "Hierarchical Pattern Replication by Polymer Demixing," <i>Advanced Materials</i> , Vol. 15, No. 9, pp. 703-706, Wiley-VCH Verlag GmbH & Co. (May 2003).
	AQ4	Velev, O.D. <i>et al.</i> , "A Class of Microstructured Particles Through Colloidal Crystallization," <i>Science</i> , Vol. 287, No. 5461, pp. 2240-2243, The American Association for the Advancement of Science (2000).
	AR4	Werts, M.H.V. <i>et al.</i> , "Nanometer Scale Patterning of Langmuir-Blodgett Films of Gold Nanoparticles by Electron Beam Lithography," <i>Nano Letters</i> , Vol. 2, No. 1, pp. 43-47, The American Chemical Society (published on web 2001).

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	AN5	Winzer, M. <i>et al.</i> , "Fabrication of nano-dot- and nano-ring-arrays by nanosphere lithography," <i>Applied Physics A: Materials Science & Processing</i> , Vol. 63, pp. 617-619, Springer-Verlag (1996).
	AO5	Wu, M.-H. and G.M. Whitesides, "Fabrication of arrays of two-dimensional micropatterns using microspheres as lenses for projection photolithography," <i>Applied Physics Letters</i> , Vol. 78, No. 16, pp. 2273-2275, The American Institute of Physics (2001).
	AP5	Wu, W. <i>et al.</i> , "Large area high density quantized magnetic disks fabricated using nanoimprint lithography," <i>Journal of Vacuum Science and Technology B</i> , Vol. 16, No. 6, pp. 3825-3829, The American Vacuum Society (1998).
	AQ5	Xia, Y. <i>et al.</i> , "Non-Photolithographic Methods for Fabrication of Elastomeric Stamps for Use in Microcontact Printing," <i>Langmuir: The ACS Journal of Surfaces and Colloids</i> , Vol. 12, No. 16, pp. 4033-4038, The American Chemical Society (1996).
	AR5	Xia, Y. and G.M. Whitesides, "Soft Lithography," <i>Angewandte Chemie</i> , Vol. 37, No. 5, pp. 551-575, Wiley-VCH Verlag GmbH (1998).

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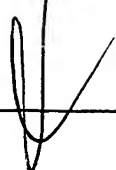

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	AN6	Yang, S.M. and G.A. Ozin, "Opal chips: vectorial growth of colloidal crystal patterns inside silicon wafers," <i>Chemical Communications</i> , Vol. 24, pp. 2507-2509, The Royal Society of Chemistry (2000).
	AO6	Yi, D.K. and D.-Y. Kim, "Polymer nanosphere lithography: fabrication of an ordered trigonal polymeric nanostructure," <i>Chemical Communications</i> , Vol. 8, pp. 982-983, The Royal Society of Chemistry (published on web March 2003).
	AP6	Yi, G.-R. and S.-M. Yang, "Microstructures of Porous Silica Prepared in Aqueous and Nonaqueous Emulsion Templates," <i>Chemistry of Materials</i> , Vol. 11, No. 9, pp. 2322-2325, The Royal Society of Chemistry (1999).
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